

KEY FACTS

LOCATION:

Lansdale, PA

SQUARE FEET:

118,000

CONSTRUCTION COST:

\$23M

COMPLETED:

2009

SERVICES:

Structural Engineering

ARCHITECT:

Thomas E. Hall & Associates

HIGHLIGHTS:

LEED-CI Platinum Certified

2009 Philadelphia Business Journal
-Best Green Project, Gold

2009 Philadelphia Business Journal
-Best New Development, Bronze



SKF

The SKF Group is the leading global supplier of products, customer solutions, and services in the business of rolling bearings and seals. Their new headquarters is the first LEED-CI Platinum certified commercial facility in Pennsylvania.

The new headquarters project included the renovation of an existing 34,000 SF precast concrete building and the design of a new 84,000 SF, 3-story building addition that is connected to the existing building via a 2-story atrium with skylight.

The existing building on the site was constructed of precast concrete for the structural components and exterior walls. The renovation of this existing structure required the removal of the southern facade and restructuring of various areas throughout. The southern facade was relocated and re-framed using steel and metal stud to support a new brick facade. Within the remaining portion of the existing building, mechanical spaces were created and large diameter piping was supported from the existing precast roof structure as it traveled to the geothermal field location on the property.

The facility is conventionally framed with composite slabs on metal deck and steel wide flange beams, girders, and columns. Working closely with the architects, the four corners of the building are column free, being supported by 15 foot cantilevers within the floor system. Similarly, 9 foot cantilevers adjacent to the main entry point wrap around glass with column free corners. The connecting atrium is framed with HSS tube columns and wall framing, to provide a clear two-story open space to the pyramid skylight above.

In 2010, Bala provided further consultation with the building owners to coordinate the distribution and attachment of solar panels to the roof structure of both the addition and the existing building.

FOR MORE INFORMATION,
PLEASE CONTACT:

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